RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/521,053
Source: PCT
Date Processed by STIC: 1-25-05

ENTERED

PCT

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    3 <110> APPLICANT: PHILLIPS, HEIDI S.
    5 <120> TITLE OF INVENTION: Compositions and Methods for the Diagnosis and
    6       Treatment of Tumor
    8 <130> FILE REFERENCE: P1943R1-PCT
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/521,053
C--> 11 <141> CURRENT FILING DATE: 2004-12-20
   13 <150> PRIOR APPLICATION NUMBER: US 60/394,998
   14 <151> PRIOR FILING DATE: 2002-07-09
   16 <160> NUMBER OF SEQ ID NOS: 4
   18 <210> SEQ ID NO: 1
   19 <211> LENGTH: 939
   20 <212> TYPE: DNA
   21 <213> ORGANISM: Homo sapiens
   23 <400> SEQUENCE: 1
   24   tcggccgaga tgtctcgctc cgtggcctta gctgtgctcg cgctactctc 50
   26   tctttctggc ctggaggcta tccagcgtac tccaaagatt caggtttact 100
   28   cacgtcatcc agcagagaat ggaaagtcaa atttcctgaa ttgctatgtg 150
   30   tctgggtttc atccatccga cattgaagtt gacttactga agaatggaga 200
   32   gagaattgaa aaagtggagc attcagactt gtctttcagc aaggactggt 250
   34   ctttctatct cttgtactac actgaattca cccccactga aaaagatgag 300
   36   tatgcctgcc gtgtgaacca tgtgactttg tcacagccca agatagttaa 350
   38   gtgggatcga gacatgtaag cagcatcatg gaggtttgaa gatgccgcat 400
   40   ttggattgga tgaattccaa attctgcttg cttgcttttt aatattgata 450
   42   tgcttataca cttacacttt atgcacaaaa tgtagggtta taataatgtt 500
   44   aacatggaca tgatcttctt tataattcta ctttgagtgc tgtctccatg 550
   46   tttgatgtat ctgagcaggt tgctccacag gtagctctag gagggctggc 600
   48   aacttagagg tggggagcag agaattctct tatccaacat caacatcttg 650
   50   gtcagatttg aactcttcaa tctcttgcac tcaaagcttg ttaagatagt 700
   52   taagcgtgca taagttaact tccaatttac atactctgct tagaatttgg 750
   54   gggaaaattt agaaatataa ttgacaggat tattggaaat ttgttataat 800
   56   gaatgaaaca ttttgtcata taagattcat atttacttct tatacatttg 850
   58   ataaagtaag gcatggttgt ggttaatctg gtttattttt gttccacaag 900
   60   ttaaataaat cataaaactt gaaaaaaaaa aaaaaaaa 939
   62 <210> SEQ ID NO: 2
   63 <211> LENGTH: 119
   64 <212> TYPE: PRT
   65 <213> ORGANISM: Homo sapiens
   67 <400> SEQUENCE: 2
   68   Met Ser Arg Ser Val Ala Leu Ala Val Leu Ala Leu Leu Ser Leu
   69    1               5                   10                  15
   71   Ser Gly Leu Glu Ala Ile Gln Arg Thr Pro Lys Ile Gln Val Tyr
   72                   20                  25                  30
   74   Ser Arg His Pro Ala Glu Asn Gly Lys Ser Asn Phe Leu Asn Cys
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75                   35              40                45
77   Tyr Val Ser Gly Phe His Pro Ser Asp Ile Glu Val Asp Leu Leu
78                   50              55                60
80   Lys Asn Gly Glu Arg Ile Glu Lys Val Glu His Ser Asp Leu Ser
81                   65              70                75
83   Phe Ser Lys Asp Trp Ser Phe Tyr Leu Leu Tyr Tyr Thr Glu Phe
84                   80              85                90
86   Thr Pro Thr Glu Lys Asp Glu Tyr Ala Cys Arg Val Asn His Val
87                   95              100               105
89   Thr Leu Ser Gln Pro Lys Ile Val Lys Trp Asp Arg Asp Met
90                   110             115
92   <210> SEQ ID NO: 3
93   <211> LENGTH: 1440
94   <212> TYPE: DNA
95   <213> ORGANISM: Homo sapiens

97   <400> SEQUENCE: 3
98   cgggcgcaga agcccctcct cggcgtcctg gtcccggccg tgcccgcggt 50
100   gtcccgggag gaaggggcgg gccggggggtc gggaggagtc acgtgccccc 100
102   tcccgcccca ggtcgtcctc tcagcatggg ggtcccgcgg cctcagccct 150
104   gggcgctggg gctcctgctc tttctccttc ctgggagcct gggcgcagaa 200
106   agccacctct ccctcctgta ccaccttacc gcggtgtcct cgcctgcccc 250
108   ggggactcct gccttctggg tgtccggctg gctgggcccg cagcagtacc 300
110   tgagctacaa tagcctgcgg ggcgaggcgg agccctgtgg agcttgggtc 350
112   tgggaaaacc aggtgtcctg gtattgggag aaagagacca cagatctgag 400
114   gatcaaggag aagctctttc tggaagcttt caaagctttg gggggaaaag 450
116   gtccctacac tctgcagggc ctgctgggct gtgaactggg ccctgacaac 500
118   acctcggtgc ccaccgccaa gttcgccctg aacggcgagg agttcatgaa 550
120   tttcgacctc aagcagggca cctggggtgg ggactggccc gaggccctgg 600
122   ctatcagtca gcggtggcag cagcaggaca aggcggccaa caaggagctc 650
124   accttcctgc tattctcctg cccgcaccgc ctgcgggagc acctggagag 700
126   gggccgcgga aacctggagt ggaaggagcc cccctccatg cgcctgaagg 750
128   cccgacccag cagccctggc ttttccgtgc ttacctgcag cgccttctcc 800
130   ttctaccctc cggagctgca acttcggttc ctgcggaatg ggctggccgc 850
132   tggcaccggc cagggtgact tcggccccaa cagtgacgga tccttccacg 900
134   cctcgtcgtc actaacagtc aaaagtggcg atgagcacca ctactgctgc 950
136   attgtgcagc acgcggggct ggcgcagccc ctcagggtgg agctggaatc 1000
138   tccagccaag tcctccgtgc tcgtggtggg aatcgtcatc ggtgtcttgc 1050
140   tactcacggc agcggctgta ggaggagctc tgttgtggag aaggatgagg 1100
142   agtgggctgc cagccccttg gatctccctt cgtggagacg acaccggggt 1150
144   cctcctgccc accccagggg aggcccagga tgctgatttg aaggatgtaa 1200
146   atgtgattcc agccaccgcc tgaccatccg ccattccgac tgctaaaagc 1250
148   gaatgtagtc aggcccccttt catgctgtga gacctcctgg aacactggca 1300
150   tctctgagcc tccagaaggg gttctgggcc tagttgtcct ccctctggag 1350
152   ccccgtcctg tggtctgcct cagtttcccc tcctaataca tatggctgtt 1400
154   ttccacctcg ataatataac acgagtttgg gcccgaaaaa 1440

156   <210> SEQ ID NO: 4
157   <211> LENGTH: 365
158   <212> TYPE: PRT
159   <213> ORGANISM: Homo sapiens
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RAW SEQUENCE LISTING   DATE: 01/25/2005
PATENT APPLICATION: US/10/521,053   TIME: 09:21:38

Input Set : A:\P1943R1 PCT Sequence Listing.txt
Output Set: N:\CRF4\01252005\J521053.raw

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162 Met Gly Val Pro Arg Pro Gln Pro Trp Ala Leu Gly Leu Leu Leu
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165 Phe Leu Leu Pro Gly Ser Leu Gly Ala Glu Ser His Leu Ser Leu
166              20                  25                  30
168 Leu Tyr His Leu Thr Ala Val Ser Ser Pro Ala Pro Gly Thr Pro
169              35                  40                  45
171 Ala Phe Trp Val Ser Gly Trp Leu Gly Pro Gln Gln Tyr Leu Ser
172              50                  55                  60
174 Tyr Asn Ser Leu Arg Gly Glu Ala Glu Pro Cys Gly Ala Trp Val
175              65                  70                  75
177 Trp Glu Asn Gln Val Ser Trp Tyr Trp Glu Lys Glu Thr Thr Asp
178              80                  85                  90
180 Leu Arg Ile Lys Glu Lys Leu Phe Leu Glu Ala Phe Lys Ala Leu
181              95                 100                 105
183 Gly Gly Lys Gly Pro Tyr Thr Leu Gln Gly Leu Leu Gly Cys Glu
184             110                 115                 120
186 Leu Gly Pro Asp Asn Thr Ser Val Pro Thr Ala Lys Phe Ala Leu
187             125                 130                 135
189 Asn Gly Glu Glu Phe Met Asn Phe Asp Leu Lys Gln Gly Thr Trp
190             140                 145                 150
192 Gly Gly Asp Trp Pro Glu Ala Leu Ala Ile Ser Gln Arg Trp Gln
193             155                 160                 165
195 Gln Gln Asp Lys Ala Ala Asn Lys Glu Leu Thr Phe Leu Leu Phe
196             170                 175                 180
198 Ser Cys Pro His Arg Leu Arg Glu His Leu Glu Arg Gly Arg Gly
199             185                 190                 195
201 Asn Leu Glu Trp Lys Glu Pro Pro Ser Met Arg Leu Lys Ala Arg
202             200                 205                 210
204 Pro Ser Ser Pro Gly Phe Ser Val Leu Thr Cys Ser Ala Phe Ser
205             215                 220                 225
207 Phe Tyr Pro Pro Glu Leu Gln Leu Arg Phe Leu Arg Asn Gly Leu
208             230                 235                 240
210 Ala Ala Gly Thr Gly Gln Gly Asp Phe Gly Pro Asn Ser Asp Gly
211             245                 250                 255
213 Ser Phe His Ala Ser Ser Ser Leu Thr Val Lys Ser Gly Asp Glu
214             260                 265                 270
216 His His Tyr Cys Cys Ile Val Gln His Ala Gly Leu Ala Gln Pro
217             275                 280                 285
219 Leu Arg Val Glu Leu Glu Ser Pro Ala Lys Ser Ser Val Leu Val
220             290                 295                 300
222 Val Gly Ile Val Ile Gly Val Leu Leu Leu Thr Ala Ala Ala Val
223             305                 310                 315
225 Gly Gly Ala Leu Leu Trp Arg Arg Met Arg Ser Gly Leu Pro Ala
226             320                 325                 330
228 Pro Trp Ile Ser Leu Arg Gly Asp Asp Thr Gly Val Leu Leu Pro
229             335                 340                 345
231 Thr Pro Gly Glu Ala Gln Asp Ala Asp Leu Lys Asp Val Asn Val
232             350                 355                 360
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RAW SEQUENCE LISTING   DATE: 01/25/2005
PATENT APPLICATION: US/10/521,053   TIME: 09:21:38

Input Set : **A:\P1943R1 PCT Sequence Listing.txt**
Output Set: **N:\CRF4\01252005\J521053.raw**

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234   Ile Pro Ala Thr Ala
235                   365
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VERIFICATION SUMMARY   DATE: 01/25/2005
PATENT APPLICATION: US/10/521,053   TIME: 09:21:39

Input Set : A:\P1943R1 PCT Sequence Listing.txt
Output Set: N:\CRF4\01252005\J521053.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date